

Amendments to the Specification:

Please replace the two paragraphs beginning at page 2, line 5 with the following amended paragraph:

-- Other features, objects, and advantages will become apparent from the following detailed description, which refers to the ~~following drawings in which:~~

~~FIG. 1~~ drawing, which is a diagrammatic view of a vehicle cabin for explaining an audio system according to the invention. --

Please replace the paragraph beginning at page 2, line 10 with the following amended paragraph:

-- With reference now to the ~~drawings and more particularly to drawing FIG. 1,~~ there is shown a top elevational diagrammatic view of a vehicle cabin, such as an automobile passenger compartment, having an audio system according to the invention. Vehicle passenger compartment 10 has a plurality of passenger locations 12 facing in a direction 14 so that some passenger locations are situated forward of other passenger locations and, conversely, some passenger locations are situated behind other passenger locations. In the embodiment of the accompanying drawing FIG. 1, passenger locations 12LF (left front) and 12RF (right front) are situated forward of passenger locations 12LR (left rear), 12CR (center rear), and 12RR (right rear). Passenger locations 12LR, 12CR, and 12RR are situated behind passenger locations 12LF and 12RF. Vehicle passenger compartment 10 further contains an audio system, which includes a multi-channel signal source 16 which includes output terminals 18L, 18R, 18C, 18LS, and 18RS for outputting audio channels signals. The audio channel signals include directional channels L (left), R (right), and C (center), and surround channels LS (left surround) and RS (right surround). The suffix of the output terminals 18 designates the audio channel which each of the terminals outputs. Situated about passenger compartment 10 are electroacoustical transducers 20-1 through 20-8, which are electronically coupled to one or more of the output terminals 18 by processing and coupling circuits 21-1 through 21-8, respectively, which process and transmit audio signals to the electroacoustical transducers.

Electroacoustical transducers 20-1 through 20-8 transduce the audio signals transmitted to them to sound waves (i.e. acoustical energy). For clarity, the signal lines coupling the output terminals 18 to the processing and coupling circuits are not shown. Instead, the output terminal or terminals coupled to each processing and coupling circuit are designated by the identifiers corresponding to the signal lines coupled to the transducers. --

Please replace the paragraph beginning at page 4, line 9 with the following amended paragraph:

-- The effect of the embodiment shown in the drawing of FIG. 4 is that the occupants of passenger locations 12LF and 12RF hear sound waves corresponding to left audio channel L principally from first transducer 20-1. (Hereinafter, sound waves corresponding to left audio channel L will be referred to as "left channel sound," sound waves corresponding to right audio channel R will be referred to as "right channel sound," sound waves corresponding to center audio channel C will be referred to as "center channel sound," and so on). Occupants of passenger locations 12LF and 12RF hear center channel sound principally from second transducer 20-2, hear right channel sound principally from third transducer 20-3, hear right surround channel sound principally from fourth transducer 20-4, and hear left surround channel sound principally from fifth transducer 20-5. Occupants of passenger locations 12LR, 12CR, and 12RR hear left channel sound principally from fifth transducer 20-5, hear center channel sound principally from the combination of fourth transducer 20-4 and fifth transducer 20-5, hear right channel sound principally from fourth transducer 20-4, hear left surround principally from sixth transducer 20-6 and hear right surround principally from seventh transducer 20-7. --